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1 Micro strip X-ray detector with a very high dynamic range based on GaAs
Kaluza, A.; Ohms, T.; Rente, C.; Engels, R.; Reinartz, R.; Luth, H.;
 Nuclear Science Symposium, 1997. IEEE , 9-15 Nov. 1997
 Pages:583 - 586 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(300 KB\)\]](#) **IEEE CNF**
2 Microstrip X-ray detector with a very high dynamic range based on GaAs
Kaluza, A.; Ohms, T.; Rente, C.; Engels, R.; Reinartz, R.; Luth, H.;
 Nuclear Science, IEEE Transactions on , Volume: 45 , Issue: 3 , June 1998
 Pages:724 - 727

[\[Abstract\]](#) [\[PDF Full-Text \(324 KB\)\]](#) **IEEE JNL**
3 Custom column readout circuitry to extend the dynamic range of a-s current mediated pixel amplifiers for large area diagnostic X-ray imaging applications
Ottaviani, T.; Karim, K.S.;
 Electrical and Computer Engineering, 2004. Canadian Conference on , Volume 3 , 2-5 May 2004
 Pages:1711 - 1714 Vol.3

[\[Abstract\]](#) [\[PDF Full-Text \(421 KB\)\]](#) **IEEE CNF**
4 Application of a TMGe detector to high energy pulsed X-ray tomogra
Mathy, P.; Girard, J.L.; Thomas, G.;
 Conduction and Breakdown in Dielectric Liquids, 1990. ICDL 1990. Conference Record., 10th International Conference on , 10-14 Sept. 1990

Best Available Copy

Pages:148 - 153

[\[Abstract\]](#) [\[PDF Full-Text \(172 KB\)\]](#) IEEE CNF

5 Detected contrast and dynamic range measurements of CdZnTe semiconductors for flat-panel digital radiography

Giakos, G.C.; Guntupalli, R.; Shah, N.; Vedantham, S.; Suryanarayanan, S.; Chowdhury, S.; Nemer, R.; Passerini, A.G.; Mehta, K.; Sumrain, S.; Patnekar, Nataraj, K.; Evans, E.A.; Endorf, R.; Russo, F.;

Instrumentation and Measurement, IEEE Transactions on , Volume: 50 , Issue 6 , Dec. 2001

Pages:1604 - 1609

[\[Abstract\]](#) [\[PDF Full-Text \(82 KB\)\]](#) IEEE JNL

6 Application of TMS, TMGe to high-energy X-ray tomography

Mathy, F.; Lepert, S.; Thomas, G.;

Electrical Insulation, IEEE Transactions on [see also Dielectrics and Electrical Insulation, IEEE Transactions on] , Volume: 26 , Issue: 4 , Aug 1991

Pages:631 - 635

[\[Abstract\]](#) [\[PDF Full-Text \(316 KB\)\]](#) IEEE JNL

7 Computed tomographic imaging of the coronary arterial tree-use of tomography

Spyra, W.J.T.; Faridani, A.; Smith, K.T.; Ritman, E.L.;

Medical Imaging, IEEE Transactions on , Volume: 9 , Issue: 1 , March 1990

Pages:1 - 4

[\[Abstract\]](#) [\[PDF Full-Text \(560 KB\)\]](#) IEEE JNL

8 Diagnostic technology development for NIF by LLNL experimental programs

Bell, P.M.;

Plasma Science, 2004. ICOPS 2004. IEEE Conference Record - Abstracts. The IEEE International Conference on , 28 June-1 July 2004

Pages:314

[\[Abstract\]](#) [\[PDF Full-Text \(194 KB\)\]](#) IEEE CNF

9 XPAD, a new read-out pixel chip for X-ray counting

Blanquart, L.; Valin, I.; Trouilleau, C.; Meillere, S.; Crest, L.;

Nuclear Science Symposium Conference Record, 2000 IEEE , Volume: 2 , 15-; Oct. 2000

Pages:9/92 - 9/97 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(528 KB\)\]](#) IEEE CNF

10 Contrast sensitivity and dynamic range measurements of CdZnTe semiconductors for direct type flat-panel imaging

Giakos, G.C.; Guntupalli, R.; Shah, N.; Vedantham, S.; Suryanarayanan, S.; Chowdhury, S.; Passerini, A.G.; Mehta, K.; Sumrain, S.; Patnekar, N.; Evans, Endorf, R.; Russo, F.;

Instrumentation and Measurement Technology Conference, 2000. IMTC 2000.
 Proceedings of the 17th IEEE , Volume: 1 , 1-4 May 2000
 Pages:375 - 379 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(264 KB\)\]](#) [IEEE CNF](#)

11 HX2: a 16-channel charge amplifier IC for the read-out of X-ray detectors

Thomas, S.L.; Seller, P.; Sharp, P.H.;

Nuclear Science Symposium and Medical Imaging Conference, 1994., 1994 IE
 Conference Record , Volume: 2 , 30 Oct.-5 Nov. 1994

Pages:774 - 777 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(232 KB\)\]](#) [IEEE CNF](#)

12 A comparison between GaAs and CdTe for X-ray imaging

Sun, G.C.; Samic, H.; Bourgoin, J.C.; Chambellan, D.; Gal, O.; Pillot, Ph.;

Nuclear Science, IEEE Transactions on , Volume: 51 , Issue: 5 , Oct. 2004

Pages:2400 - 2404

[\[Abstract\]](#) [\[PDF Full-Text \(232 KB\)\]](#) [IEEE JNL](#)

13 Cross-strip readouts for photon counting detectors with high spatial and temporal resolution

Tremis, A.S.; Siegmund, O.H.W.; Vallerger, J.V.; Hull, J.S.; Abiad, R.;

Nuclear Science, IEEE Transactions on , Volume: 51 , Issue: 4 , Aug. 2004

Pages:1707 - 1711

[\[Abstract\]](#) [\[PDF Full-Text \(448 KB\)\]](#) [IEEE JNL](#)

14 Wide-dynamic range proximity-focused streak camera for subpicosecond visible and X-ray recording

Lieber, A.; Sutphin, H.; Hyer, R.; McGurn, J.; Winn, K.;

Quantum Electronics, IEEE Journal of , Volume: 13 , Issue: 9 , Sep 1977

Pages:845 - 845

[\[Abstract\]](#) [\[PDF Full-Text \(424 KB\)\]](#) [IEEE JNL](#)

15 Dc- and un-SQUIDS for readout of ac-biased transition-edge sensor

Kiviranta, M.; Penttila, J.S.; Gronberg, L.; Seppa, H.; Suni, I.;

Applied Superconductivity, IEEE Transactions on , Volume: 13 , Issue: 2 , Jun 2003

Pages:614 - 617

[\[Abstract\]](#) [\[PDF Full-Text \(457 KB\)\]](#) [IEEE JNL](#)

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